

(12) **United States Patent**  
**Lerner et al.**

(10) **Patent No.:** **US 9,408,746 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **DEVICE AND METHOD FOR INTRAOCULAR  
DRUG DELIVERY**

USPC ..... 604/506, 116, 117, 181, 187, 192–198,  
604/263, 22, 294, 300–302  
See application file for complete search history.

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 482 days.

(21) Appl. No.: **13/077,929**

(22) Filed: **Mar. 31, 2011**

(65) **Prior Publication Data**

US 2012/0078224 A1 Mar. 29, 2012

**Related U.S. Application Data**

(60) Provisional application No. 61/341,582, filed on Mar.  
31, 2010, provisional application No. 61/384,636,  
filed on Sep. 20, 2010.

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(51) **Int. Cl.**  
**A61F 9/007** (2006.01)  
**A61M 5/32** (2006.01)  
(Continued)

(57) **ABSTRACT**

Devices for delivering pharmaceutical formulations into the  
eye are described. The devices may be integrated to include  
features that allow safe and atraumatic manipulation of the  
devices with one hand. For example, accurate placement,  
including proper angulation, of the device on the eye and  
injection of a pharmaceutical formulation into the eye can be  
performed using one hand. The devices may also include  
improved safety features. For example, the devices may  
include an actuation mechanism that controls the rate and  
depth of injection into the eye. Some devices include a  
dynamic resistance component capable of adjusting the  
amount of pressure applied to the eye surface. Related meth-  
ods and systems comprising the devices are also described.

(52) **U.S. Cl.**  
CPC ..... **A61F 9/00736** (2013.01); **A61F 9/0017**  
(2013.01); **A61M 5/3243** (2013.01); **A61M 5/20**  
(2013.01); **A61M 5/204** (2013.01);  
(Continued)

(58) **Field of Classification Search**  
CPC ..... A61M 5/321; A61M 2005/3217;  
A61M 5/3243; A61M 5/3257; A61M  
2210/0612; A61F 9/007; A61F 9/00736;  
A61F 2009/00844; A61F 2009/00851; A61F  
9/0136

**22 Claims, 30 Drawing Sheets**

